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MAY 16 1975

W. Regan, Chief, Environmental Projects Branch #4, RL

RESPONSE TO INTERIOR COMMENTS ON WPPSS 3 & 5

Plant Name: Washington Public Power Supply System Nuclear Projects 3 & 5
Licensing Stage: CP
Docket Number: 50-508/509
Responsible Branch: LWR 1-3/EP-4
Requested Completion Date: May 5, 1975
Description of Response: Response to Interior Comments
Review Status: AAB Input Complete

Enclosed is the recommended response to the Interior Comment on "Environmental Impact of Postulated Accidents" prepared by E. Adensam of the Accident Analysis Branch.

17
Brian K. Grimes, Chief
Accident Analysis Branch
Division of Technical Review
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: w/o enclosure
A. Giambusso
W. McDonald
J. Fansarella

w/enclosure
S. Hanauer
F. Schroeder
TR T/C's
TR A/D's
SS B/C's
R. Boyd

R. DeYoung
O. Parr
P. O'Reilly
J. Norris
F. Kantor
E. Adensam

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PDR ADOCK 05000508
A PDR

OFFICE	AAB-SS-TR	AAB-SS-TR			
SURNAME	E. Adensam-dr	B. Grimes			
DATE	5-16-75	5-16-75			

RESPONSE TO INTERIOR COMMENT

ON WPPSS 3 & 5

A comment was made that the consequences of a postulated Class 9 accident should be evaluated for the WPPSS Nuclear Projects 3 and 5 site. The current staff position on Class 9 accidents is stated in Section 7.1 of this environmental statement. The applicability of the draft Reactor Safety Study to any specific site is also discussed in Section 7.1. The Commission's interim general statement of policy on the draft Reactor Safety Study states, in part, that "... the contents of the draft study are not an appropriate basis for licensing decisions."; therefore, the staff does not use the draft Reactor Safety Study in making a determination as to the potential environmental impact of postulated accidents at any site.

MAY 15 1975

A. Ciambusso, Director
Division of Reactor Licensing
Office of Nuclear Reactor Regulation

IN SUMMARY SER STATEMENT
WASHINGTON PUBLIC POWER SUPPLY SYSTEM (WNP-3&-5)
DOCKET NOS. 50-508 & 50-509

Enclosed is a statement prepared by the Office of Inspection and Enforcement for use in the Safety Evaluation Report regarding our assessment and conclusions relating to implementation of the QA Program for this project.

Original signed by
J. G. Davis

John G. Davis
Deputy Director for
Field Operations
Office of Inspection
and Enforcement

cc: R. H. Engelken, IE:V
D. J. Sovholt, RL
R. H. Vollmer, RL
E. L. DeYoung, RL
O. D. Parr, RL

memo

dupe of ~~8605300077~~

OFFICE	FSEB	FSEB C	DDFO		
SURNAME	Smith/llh	H. ...burg	JGDavis		
DATE	5/14/75	5/14/75	5/15/75		

IE SUMMARY SER POSITION STATEMENT
IMPLEMENTATION OF THE WNP UNITS 3 & 5 QA PROGRAM
DOCKET NOS. 50-508 & 50-509

ASSESSMENT

The Office of Inspection and Enforcement has conducted inspections to examine the implementation of the WNP Units 3 and 5 QA Program to ascertain its conformance with related 10 CFR 50, Appendix B, PSAR commitments. Our examinations encompassed the organization of the applicant and the QA audit, review and approval functions of the applicant for those major contractors selected to date. These examinations focused on quality assurance activities related to the design, procurement and construction of the nuclear power plants, and included a review of established procedures and instructions along with the execution of applicable provisions contained therein.

Our assessment includes consideration of the results of the above inspection activities and of the applicant/contractor actions leading to the resolution of identified deficiencies, or delays in timely establishment of procedures and instructions, as necessary, to arrive at effective implementation of PSAR QA commitments. Based thereon, the Office of Inspection and Enforcement has determined that there are no substantive unresolved issues relating to the implementation of the QA program which require further identification and followup at this time.

CONCLUSIONS

Based on the above assessment, the Office of Inspection and Enforcement concludes that the implementation of WNP Units 3 and 5 QA program PSAR commitments is consistent with the status of the project.

Docket Nos. 50-588/509

MAY 19 1975

R. C. DeYoung, Assistant Director for LWR-1, RL

RESPONSE TO STANDARD REVIEW ASSIGNMENT, WPPSS NUCLEAR PROJECT NOS. 3 & 5, REVIEW OF PSAR CHAPTERS 13.3 & 13.7

Applicant: Washington Public Power Supply System
Licensing Stage: CP
Branch & LPM: LWR 1-3, P. D. O'Reilly
Review Branch: IS&EP
Requested Completion Date: 6/16/75
Review Status: Draft SER Input

The attached report contains draft input for the Safety Evaluation Report relative to our review of the subject SAR.

Original Signed by:
Donald J. Skovholt

Donald J. Skovholt
Assistant Director for Quality Assurance and Operations
Division of Reactor Licensing

Enclosure:
Draft Input for SER

cc: A. Giambusso
W. McDonald
R. Houston
O. Parr
P. D. O'Reilly
R. F. Priebe

DISTRIBUTION: Docket(2), IS&EP Rdg. File, DJSkovholt

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SPP

OFFICE →	RL:IS&EP	RL:IS&EP	RL:AD:QA&O		
SURNAME →	RFPriebe:LD	RWHouston	DJSkovholt		
DATE →	5/16/75	5/17/75	5/19/75		

Draft Input for Safety Evaluation Report

WPPSS Nuclear Project Nos. 3 & 5

13.3 The applicant has described his preliminary plans for coping with emergencies. The onsite Shift Supervisor will have the authority to initiate the Emergency Plan in accordance with detailed written procedures. Offsite emergency operations and support efforts will be under the control of an Emergency Coordinator. The applicant has indicated that backup or redundant communication systems will be provided to ensure prompt and effective communications during emergencies.

For assistance in dealing with emergencies, the applicant will establish agreements with the appropriate local, State and Federal agencies. A preliminary list of agencies furnished by the applicant is shown in Table 13-1. The applicant has made initial contact with the Department of Social and Health Services which is preparing the overall radiological response plan for the State of Washington, and with the Department of Emergency Services which will assist the local county officials in the development of an emergency response plan for the environs of the plant.

In-plant instrumentation will provide identification and assessment information for radiological emergencies. Such information together with precalculated data will be used for projecting onsite and offsite dose consequences. Protective measures such as respiratory protection, taking cover, and evacuation will be taken as dictated by the accident consequences. Analyses have been performed by the staff

to confirm the practicability of evacuation as an emergency protective measure in the environs of the proposed plant and appropriate criteria have been identified for the design of an acceptable plan. Onsite direction of the emergency effort will be assured from the control room which is designed for continuous occupancy during the course of an accident. In addition, emergency control centers will be established both onsite and offsite. The applicant has described the means of notification and expected response by the local authorities in the event of an accident requiring evacuation of the population-at-risk from the environs of the plant.

The plant emergency facilities will include decontamination and first aid facilities for the treatment of injured personnel. Ambulance service will be provided for the transportation of seriously injured personnel to offsite medical facilities. The applicant has made preliminary contacts with the Grays Harbor Community Hospital, the St. Joseph Hospital, and the Mark E. Reed Memorial Hospital for providing hospital facilities and services to individuals affected by radiological emergencies.

The applicant will conduct a training program to familiarize all plant personnel with the Emergency Plan. Training will also be provided to nonemployee personnel whose services may be required in emergency situations. In addition, periodic drills will be conducted.

The various plant features to assure evacuation capability, in addition to design features to permit safe shutdown, include radiation emergency alarms, site evacuation alarms, diverse communications systems, and adequate evacuation routes. The applicant's capability for facility reentry will be supported by the establishment of two emergency control centers equipped with emergency supplies, radiation monitoring instruments, and communications equipment.

We conclude that the emergency planning program as presented by the applicant meets the requirements of 10 CFR Part 50, Appendix E, Part II, and is consistent with facility design features, analyses of postulated accidents, and characteristics of the proposed site location. Furthermore, it provides reasonable assurance that appropriate protective measures can be taken within and beyond the site boundary in the event of a serious accident.

13.7 Industrial Security

The applicant has provided a general description of plans for protecting the plant against potential acts of industrial sabotage. Provisions for the screening of employees at the plant, and for design phase review of plant layout and protection of vital equipment have been described and conform to Regulatory Guide 1.17. We conclude that the applicant's arrangements for protection of the plant against acts of industrial sabotage are satisfactory for this stage of the licensing process.

Table 13-1

PRELIMINARY LIST OF AGENCIES WHICH MAY BE
NOTIFIED OR UTILIZED FOR
PREPARATION AND COORDINATION OF
WNP-3 & WNP-5 EMERGENCY PLAN

Thermal Power Plant Site Evaluation Council
Washington State Department of Social and Health Services
Washington State Patrol
Washington State Department of Ecology
Washington State Fire Marshall
USNRC - Region V Compliance Office
County Sheriffs, Southwestern Washington
Nearby County Emergency Services Units
County Sheriffs, Northwestern Oregon
Nearby City Health Departments and Hospitals
Nearby City Ambulance Services
Local and Regional Irrigation District Offices
Local Communications Media
Supply System Participants
U. S. Department of Agriculture, Defense Mobilization Planning
U. S. Forest Service
U. S. Department of Commerce, National Weather Service
U. S. Office of Emergency Preparedness
U. S. Environmental Protection Agency
U. S. Department of Interior, Bureau of Reclamation
U. S. Department of Interior, Bonneville Power Administration
U. S. Coast Guard
U. S. Defense Supply Agency